ORDER NO. VRD8507217
D5

Service Manual

Supplementary

Decoder Circuit (SL1)

- *Electrical Parts List*
- *Block Diagram*
- *Printed Circuit Board*
- *Schematic Diagram*

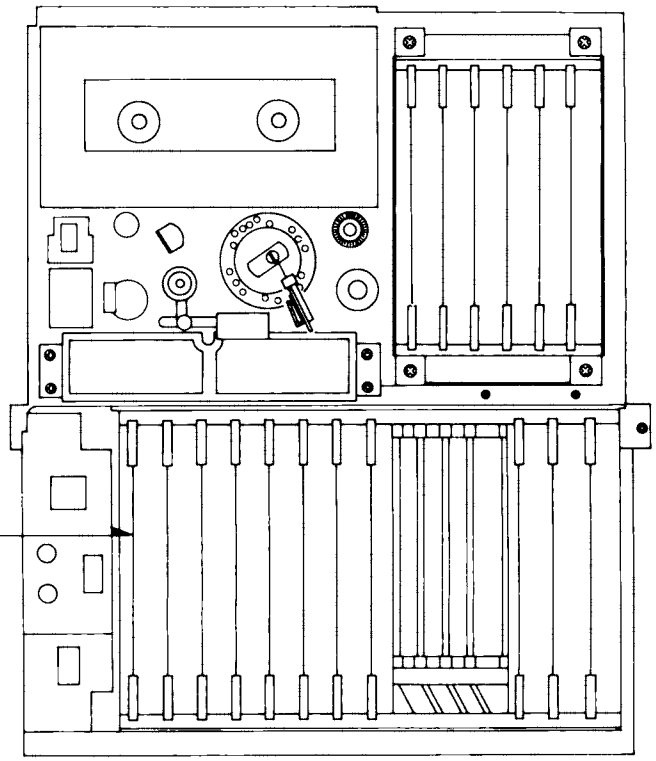
RECAM™

Studio VTR

AU-300B

M-VISION™

Decoder C.B.A. (VEP03123A)



Panasonic®

Matsushita Engineering & Service Company
Division of Matsushita Electric
Corporation of America
50 Meadowland Parkway, Secaucus,
New Jersey 07094

Panasonic Hawaii Inc.
91-238 Kauhi St. Ewa Beach
P.O. Box 774
Honolulu, Hawaii 96808-0774

Matsushita Electric
of Canada Limited
5770 Ambler Drive, Mississauga,
Ontario, L4W 2T3

Panasonic Sales Company,
Division of Matsushita Electric
of Puerto Rico, Inc.
Ave, 65 De Infanteria, KM 9.7
Victoria Industrial Park
Carolina, Puerto Rico 00630

Parts List

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP03123A	DECODER C.B.A.		
			Integrated Circuits		
IC1		LM733CN		1	
IC2		AN302		1	
IC3		uPD4066BC		1	
IC4		uPC103A		1	
IC5		HA17082		1	
IC6		AN302		1	
IC7		uPC1251C		1	
IC8		AN236		1	
IC9		uPD4066BC		1	
IC10		AN6041		1	
IC11		MN4528B		1	
IC12		HD74LS221P		1	
IC13-15		MN4528B		3	
IC16,17		uPD4066BC		2	
IC18		AN612		1	
IC19		HD74LS221P		1	
			Transistors		
Q1-5		2SD636		5	
Q6		2SB641		1	
Q7,8		2SD636		2	
Q10-17		2SD636		8	
Q18		2SK128		1	
Q19,20		2SD636		2	
Q21		2SB641		1	
Q22		2SD636		1	
Q24		2SC2206		1	
Q25		2SK83		1	
Q26		2SC2259		1	
Q27		2SC2647		1	
Q28		2SK218		1	
Q29		3SK72		1	
Q30		2SB641		1	
Q31		2SD636		1	
Q33,34		2SD636		2	
Q35		2SB641		1	
Q36,37		2SD636		2	
Q38		2SB641		1	
Q39,40		2SD636		2	
Q41		2SB641		1	
Q42,43		2SC2206		2	
Q44,45		2SD636		2	
Q46		2SC2206		1	
Q47		2SB641		1	
Q49		2SC2206		1	
Q50		2SD636		1	
Q51		2SC2206		1	
Q52		2SB641		1	
Q54		2SC2206		1	
Q57		2SC2206		1	
Q58		2SB933		1	
Q59		2SD636		1	
Q60		2SK128		1	
Q61-63		2SD636		3	
			Diodes		
D2		MA1030		1	
D4		MA150		1	
D5-7		MA165		3	
D8		MA27		1	
D9		MA1062A		1	
D10-19		1SS16		10	
D20		MA27		1	
D21-24		MA323		4	
D25		MA27		1	
D26		MA27T		1	
D27		MA27		1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			Resistors		
R2		ERDS2TJ153	15K	1	
R3		ERDS2TJ103	10K	1	
R4-6		ERDS2TJ102	1K	3	
R7		ERDS2TJ331	330	1	
R8-11		ERDS2TJ273	27K	4	
R12		ERDS2TJ560	56	1	
R17,18		ERDS2TJ153	15K	2	
R19		ERDS2TJ152	1.5K	1	
R20		ERDS2TJ102	1K	1	
R21		EVMGOGA01B23	Variable 2K	1	
R22,23		ERDS2TJ222	2.2K	2	
R24		ERDS2TJ102	1K	1	
R25		ERDS2TJ101	100	1	
R26		EVMGOGA01B23	Variable 2K	1	
R27		ERDS2TJ332	3.3K	1	
R28		ERDS2TJ102	1K	1	
R29		EVMGOGA01B13	Variable 1K	1	
R30		ERDS2TJ332	3.3K	1	
R31		ERDS2TJ222	2.2K	1	
R32		ERDS2TJ103	10K	1	
R33		ERDS2TJ392	3.9K	1	
R39		ERDS2TJ393	39K	1	
R40		ERDS2TJ334	330K	1	
R41		ERDS2TJ273	27K	1	
R43		ERDS2TJ333	33K	1	
R44		ERDS2TJ562	5.6K	1	
R45		ERDS2TJ471	470	1	
R46		ERDS2TJ222	2.2K	1	
R47		ERDS2TJ105	1M	1	
R48		ERDS2TJ103	10K	1	
R49		ERDS2TJ102	1K	1	
R51		ERDS2TJ562	5.6K	1	
R52		ERDS2TJ472	4.7K	1	
R53		EVMGOGA01B13	Variable 1K	1	
R54		ERDS2TJ271	270	1	
R55		ERDS2TJ153	15K	1	
R56		ERDS2TJ103	10K	1	
R57,58		ERDS2TJ102	1K	2	
R59		ERDS2TJ152	1.5K	1	
R60		ERDS2TJ222	2.2K	1	
R61		ERDS2TJ152	1.5K	1	
R62		ERDS2TJ102	1K	1	
R63		EVMGOGA01B23	Variable 2K	1	
R64		ERDS2TJ152	1.5K	1	
R65		ERDS2TJ102	1K	1	
R66		ERDS2TJ103	10K	1	
R68		ERDS2TJ332	3.3K	1	
R69		ERDS2TJ103	10K	1	
R71		ERDS2TJ331	330	1	
R73		ERDS2TJ153	15K	1	
R74		ERDS2TJ562	5.6K	1	
R75		ERDS2TJ222	2.2K	1	
R77		ERDS2TJ331	330	1	
R78		ERDS2TJ821	820	1	
R79		EVMG1GA01B52	Variable 500	1	
R82		ERDS2TJ562	5.6K	1	
R84		ERDS2TJ330	33	1	
R85		ERDS2TJ183	18K	1	
R86		ERDS2TJ682	6.8K	1	
R87		ERDS2TJ122	1.2K	1	
R88,89		ERDS2TJ392	3.9K	2	
R90		ERDS2TJ182	1.8K	1	
R91		ERDS2TJ332	3.3K	1	
R92		EVMGOGA01B53	Variable 5K	1	
R94		ERDS2TJ331	330	1	
R96		ERDS2TJ681	680	1	
R97		ERDD2TJ102	1K	1	
R98		ERDS2TJ272	2.7K	1	
R99		ERDS2TJ472	4.7K	1	
R100		ERDS2TJ560	56	1	
R101		ERDS2TJ471	470	1	

Parts List

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R102		ERDS2TJ104	100K	1	
R103		ERDS2TJ472	4.7K	1	
R104		ERDS2TJ471	470	1	
R105		ERDS2TJ562	5.6K	1	
R106		ERDS2TJ821	820	1	
R107		EVMGOGA01B13	Variable 1K	1	
R108		ERDS2TJ472	4.7K	1	
R109		ERDS2TJ152	1.5K	1	
R110		ERDS2TJ562	5.6K	1	
R112		ERDS2TJ122	1.2K	1	
R113		ERDS2TJ183	18K	1	
R114		ERDS2TJ153	15K	1	
R115		ERDS2TJ122	1.2K	1	
R117		ERDS2TJ331	330	1	
R119		ERDS2TJ333	33K	1	
R123		ERDS2TJ224	220K	1	
R124,125		ERDS2TJ103	10K	2	
R126		ERDS2TJ473	47K	1	
R127		ERDS2TJ102	1K	1	
R128		EVMGOGA01B13	Variable 1K	1	
R129		ERDS2TJ561	560	1	
R130		ERDS2TJ102	1K	1	
R131		ERDS2TJ392	3.9K	1	
R132		ERDS2TJ223	22K	1	
R133		ERDS2TJ103	10K	1	
R134		ERDS2TJ102	1K	1	
R135		ERDS2TJ152	1.5K	1	
R136		ERDS2TJ102	1K	1	
R137		ERDS2TJ331	330	1	
R138,139		ERDS2TJ152	1.5K	2	
R141		ERDS2TJ102	1K	1	
R142,143		ERDS2TJ221	220	2	
R144		ERDS2TJ273	27K	1	
R145		ERDS2TJ562	5.6K	1	
R146		ERDS2TJ273	27K	1	
R147		ERDS2TJ562	5.6K	1	
R148		EVMGOGA01B14	Variable 10K	1	
R149		ERDS2TJ122	1.2K	1	
R150		ERDS2TJ332	3.3K	1	
R151		ERDS2TJ331	330	1	
R152		EVMG1GA01B13	Variable 1K	1	
R153		ERDS2TJ221	220	1	
R154		ERDS2TJ562	5.6K	1	
R155		ERDS2TJ330	33	1	
R156		ERDS2TJ332	3.3K	1	
R157		ERDS2TJ331	330	1	
R158		EVMG1GA01B13	Variable 1K	1	
R159		ERDS2TJ221	220	1	
R160		ERDS2TJ562	5.6K	1	
R161		ERDS2TJ330	33	1	
R162		ERDS2TJ222	2.2K	1	
R163		ERDS2TJ394	390K	1	
R164		ERDS2TJ181	180	1	
R165		ERDS2TJ473	47K	1	
R166		ERDS2TJ564	560	1	
R168		EVMGOGA01B24	Variable 20K	1	
R169		ERDS2TJ333	33K	1	
R170		EVMGOGA01B14	Variable 10K	1	
R171		ERDS2TJ223	22K	1	
R172		EVMGOGA01B14	Variable 10K	1	
R173		ERDS2TJ102	1K	1	
R174		EVMGOGA01B14	Variable 10K	1	
R175		ERDS2TJ472	4.7K	1	
R176		EVMGOGA01B14	Variable 10K	1	
R177		ERDS2TJ273	27K	1	
R178		EVMGOGA01B14	Variable 10K	1	
R179		ERDS2TJ123	12K	1	
R180		EVMGOGA01B24	Variable 20K	1	
R181		ERDS2TJ473	47K	1	
R182,183		ERDS2TJ223	22K	2	
R184		ERDS2TJ151	150	1	
R185,186		ERDS2TJ102	1K	2	
R187		ERDS2TJ680	68	1	
R191		ERDS2TJ181	180	1	
R192		EVMGOGA01B15	Variable 100K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R193		ERDS2TJ121	120	1	
R194		ERDS2TJ472	4.7K	1	
R195		ERDS2TJ821	820	1	
R196		ERDS2TJ330	33	1	
R197,198		ERDS2TJ103	10K	2	
R201,202		ERDS2TJ332	3.3K	2	
R203,204		ERDS2TJ101	100	2	
R207		ERDS2TJ394	390K	1	
R208		ERDS2TJ153	15K	1	
R210		ERDS2TJ103	10K	1	
R211		ERDS2TJ182	1.8K	1	
R212		ERDS2TJ563	56K	1	
R213		ERDS2TJ122	1.2K	1	
R216		ERDS2TJ562	5.6K	1	
R217,218		ERDS2TJ223	22K	2	
R219		ERDS2TJ152	1.5K	1	
R220		ERDS2TJ333	33K	1	
R221		ERDS2TJ822	8.2K	1	
R222		ERDS2TJ122	1.2K	1	
R223		ERDS2TJ271	270	1	
R224		ERDS2TJ560	56	1	
R225		ERDS2TJ681	680	1	
R226		ERDS2TJ104	100K	1	
R227		ERDS2TJ562	5.6K	1	
R229		ERDS2TJ103	10K	1	
R232		ERDS2TJ272	2.7K	1	
R233		ERDS2TJ333	33K	1	
R234		ERDS2TJ822	8.2K	1	
R235		ERDS2TJ122	1.2K	1	
R236		ERDS2TJ271	270	1	
R237		ERDS2TJ101	100	1	
R239,240		ERDS2TJ223	22K	2	
R241		ERDS2TJ152	1.5K	1	
R242		ERDS2TJ333	33K	1	
R243		ERDS2TJ822	8.2K	1	
R244		ERDS2TJ122	1.2K	1	
R245		ERDS2TJ271	270	1	
R246		ERDS2TJ560	56	1	
R247		ERDS2TJ681	680	1	
R250		ERDS2TJ103	10K	1	
R253		ERC18GJ155	1.5M	1	
R255		ERDS2TJ333	33K	1	
R256		ERDS2TJ822	8.2K	1	
R257		ERDS2TJ122	1.2K	1	
R258		ERDS2TJ271	270	1	
R259		ERDS2TJ101	100	1	
R265		ERDS2TJ563	56K	1	
R268		ERDS2TJ153	15K	1	
R269		EVMGOGA01B15	Variable 100K	1	
R270		ERDS2TJ332	3.3K	1	
R271-273		ERDS2TJ103	10K	3	
R275		ERDS2TJ103	10K	1	
R276		ERDS2TJ153	15K	1	
R277		ERDS2TJ394	390K	1	
R278		ERDS2TJ332	3.3K	1	
R279		ERDS2TJ103	10K	1	
R280		ERDS2TJ101	100	1	
R281		ERDS2TJ271	270	1	
R282		ERDS2TJ562	5.6K	1	
R283		ERDS2TJ680	68	1	
R285		ERDS2TJ471	470	1	
R286		ERDS2TJ682	6.8K	1	
R287		ERDS2TJ223	22K	1	
R288		ERDS2TJ334	330K	1	
R289		ERDS2TJ563	56K	1	
R290		ERDS2TJ152	1.5K	1	
R291		EVMGOGA01B52	Variable 500	1	
R292		ERDS2TJ102	1K	1	
R293		EVMGOGA01B52	Variable 500	1	
R294		ERDS2TJ470	47	1	
R295		ERDS2TJ222	2.2K	1	
R296		ERDS2TJ471	470	1	
R306,307		ERDS2TJ103	10K	2	

Parts List

Ref.No.		Part No.	Part Name & Description			Pcs	Remarks
			Capacitors				
C1		ECEA1CSS470	Electrolytic	16V	47	1	
C2		ECKF1H103ZF	Ceramic	50V	0.01	1	
C3,4		ECEA1CSS470	Electrolytic	16V	47	2	
C5		ECCF1H100DC	Ceramic	50V	10P	1	
C6,7		ECEA1CSS470	Electrolytic	16V	47	2	
C8		ECEA1CN470S	Electrolytic	16V	47	1	
C9		ECEA1CSS470	Electrolytic	16V	47	1	
C10		ECCF1H180JC	Ceramic	50V	18P	1	
C11		ECKF1H103ZF	Ceramic	50V	0.01	1	
C12		ECEA1CSS221	Electrolytic	16V	220	1	
C13		ECEA0JN221S	Electrolytic	6.3V	220	1	
C15		ECV1ZW40X53N	Ceramic	50V	40P	1	
C16		ECV1ZW60X53N	Ceramic	50V	60P	1	
C17		ECEA0JSS101	Electrolytic	6.3V	100	1	
C19-22		ECEA1CSS470	Electrolytic	16V	47	4	
C23		ECEA1HSS0R1	Electrolytic	50V	0.1	1	
C30		ECCF1H470JC	Ceramic	50V	47P	1	
C31		ECCF1H151JC	Ceramic	50V	150P	1	
C34		ECKF1H331KB	Ceramic	50V	330P	1	
C35		ECEA1CSS470	Electrolytic	16V	47	1	
C36		ECEA1CSS100	Electrolytic	16V	10	1	
C37,38		ECEA1CSS470	Electrolytic	16V	47	2	
C39		ECEA1CSS100	Electrolytic	16V	10	1	
C42		ECEA1HNR47S	Electrolytic	35V	0.47	1	
C43,44		ECEA1CSS470	Electrolytic	16V	47	2	
C47		ECKF1H103ZF	Ceramic	50V	0.01	1	
C48		ECEA1CSS470	Electrolytic	16V	47	1	
C49		ECCF1H220JC	Ceramic	50V	22P	1	
C50		ECCF1H330JC	Ceramic	50V	33P	1	
C51		ECCF1H100DC	Ceramic	50V	22P	1	
C52,53		ECKF1H103ZF	Ceramic	50V	0.01	2	
C54		ECEA1CSS470	Electrolytic	16V	47	1	
C55		ECCF1H820JC	Ceramic	50V	82P	1	
C56		ECCF1H150JC	Ceramic	50V	15P	1	
C58,59		ECEA1CSS470	Electrolytic	16V	47	2	
C60,61		ECKF1H103ZF	Ceramic	50V	0.01	2	
C62		ECEA1CSS470	Electrolytic	16V	47	1	
C63		ECKF1H103ZF	Ceramic	50V	0.01	1	
C64		ECEA0JSS101	Electrolytic	6.3V	100	1	
C65,66		ECKF1H103ZF	Ceramic	50V	0.01	2	
C67		ECCF1H680JC	Ceramic	50V	68P	1	
C68		ECV1ZW20X53	Ceramic	50V	20P	1	
C69		ECEA1CSS470	Electrolytic	16V	47	1	
C70		ECEA1CN100S	Electrolytic	16V	10	1	
C71		ECEA1HSS4R7	Electrolytic	50V	4.7	1	
C72		ECEA1CN100S	Electrolytic	16V	10	1	
C73		ECKF1H103ZF	Ceramic	50V	0.01	1	
C74		ECSF1EE476	Tantalum	25V	47	1	
C75,76		ECKF1H103ZF	Ceramic	50V	0.01	2	
C77		ECEA1CSS470	Electrolytic	16V	47	1	
C78		ECKF1H103ZF	Ceramic	50V	0.01	1	
C79		ECEA1CSS470	Electrolytic	16V	47	1	
C81		ECSF1EE335	Tantalum	25V	3.3	1	
C82		ECSF1EE106	Tantalum	25V	10	1	
C83		ECKF1H222KB	Ceramic	50V	2200P	1	
C84		ECSF35ER1	Tantalum	35V	0.1	1	
C85		ECQV05104JZ	Mylar	50V	0.1	1	
C86		ECKF1H222KB	Ceramic	50V	2200P	1	
C87		ECKF1H103ZF	Ceramic	50V	0.01	1	
C88		ECEA1CSS470	Electrolytic	16V	47	1	
C89		ECCF1H390JU	Ceramic	50V	39P	1	
C90		ECCF1H150JU	Ceramic	50V	15P	1	
C91		ECKF1H103ZF	Ceramic	50V	0.01	1	
C92		ECCF1H820JC	Ceramic	50V	82P	1	
C93		ECCF1H470JU	Ceramic	50V	47P	1	
C94		ECKF1H103ZF	Ceramic	50V	0.01	1	
C95		ECKF1H271KB	Ceramic	50V	270P	1	
C96		ECKF1H103ZF	Ceramic	50V	0.01	1	
C98		ECKF1H103ZF	Ceramic	50V	0.01	1	
C99		ECCF1H680JC	Ceramic	50V	68P	1	
C100		ECCF1H820JC	Ceramic	50V	82P	1	
C101,102		ECKF1H103ZF	Ceramic	50V	0.01	2	
C103		ECEA1CSS470	Electrolytic	16V	47	1	

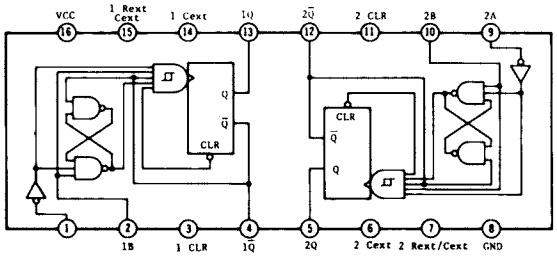
Ref.No.		Part No.	Part Name & Description			Pcs	Remarks
C104,105		ECKF1H103ZF	Ceramic	50V	0.01	2	
C106		ECSF35ER1	Tantalum	35V	0.1	1	
C107,108		ECEA1CN470S	Electrolytic	16V	47	2	
C109		ECEA1CN101S	Electrolytic	16V	100	1	
C110		ECKF1H103ZF	Ceramic	50V	0.01	1	
C111		ECEA1CSS470	Electrolytic	16V	47	1	
C112		ECEA1HSS010	Electrolytic	50V	1	1	
C113		ECKF1H471KB	Ceramic	50V	470P	1	
C114		ECCF1H151JC	Ceramic	50V	150P	1	
C115		ECCF1H121JC	Ceramic	50V	120P	1	
C116		ECCF1H560JC	Ceramic	50V	56P	1	
C117		ECKF1H681KB	Ceramic	50V	680P	1	
C118		ECKF1H271KB	Ceramic	50V	270P	1	
C119		ECCF1H820JC	Ceramic	50V	82P	1	
C120		ECCF1H181JC	Ceramic	50V	180P	1	
C121		ECSZ25HS4R7	Tantalum	25V	4.7	1	
C122		ECCF1H470JC	Ceramic	50V	47P	1	
C123		ECCF1H680JC	Ceramic	50V	68P	1	
C124		ECEA1CSS470	Electrolytic	16V	47	1	
C125		ECKF1H103ZF	Ceramic	50V	0.01	1	
C126		ECCF1H101JC	Ceramic	50V	100P	1	
C127		ECKF1H391KB	Ceramic	50V	390P	1	
C129		ECKF1H103ZF	Ceramic	50V	0.01	1	
C130		ECEA1CSS101	Electrolytic	16V	100	1	
C131,132		ECKF1H103ZF	Ceramic	50V	0.01	2	
C133		ECKF1H102ZF	Ceramic	50V	1000P	1	
C134		ECCF1H100DC	Ceramic	50V	10P	1	
C135		ECCF1H050CC	Ceramic	50V	5P	1	
C136		ECCF1H101JC	Ceramic	50V	100P	1	
C137		ECCF1H680JC	Ceramic	50V	68P	1	
C138		ECKF1H103ZF	Ceramic	50V	0.01	1	
C139		ECEA1CSS101	Electrolytic	16V	100	1	
C140		ECKF1H221KB	Ceramic	50V	220P	1	
C141		ECKF1H103ZF	Ceramic	50V	0.01	1	
C142		ECEA1CSS470	Electrolytic	16V	47	1	
C143		ECEA1HN010S	Electrolytic	50V	1	1	
C144		ECCF1H560JC	Ceramic	50V	56P	1	
C145		ECQV05104JZ	Mylar	50V	0.1	1	
C146		ECEA0JN470S	Electrolytic	6.3V	47	1	
C147		ECEA1CSS470	Electrolytic	16V	47	1	
C148		ECKF1H221KB	Ceramic	50V	220P	1	
C149-151		ECKF1H103ZF	Ceramic	50V	0.01	3	
C152		ECQV05104JZ	Mylar	50V	0.1	1	
C153,154		ECKF1H103ZF	Ceramic	50V	0.01	2	
C156		ECEA1HN010S	Electrolytic	50V	1	1	
C157		ECCF1H560JC	Ceramic	50V	56P	1	
C158		ECQV05104JZ	Mylar	50V	0.1	1	
C159		ECEA0JN470S	Electrolytic	6.3V	47	1	
C160		ECKF1H221KB	Ceramic	50V	220P	1	
C161		ECKF1H103ZF	Ceramic	50V	0.01	1	
C162		ECSF35E1	Tantalum	35V	1	1	
C165,166		ECKF1H103ZF	Ceramic	50V	0.01	2	
C167		ECQV05104JZ	Mylar	50V	0.01	1	
C168-171		ECKF1H103ZF	Ceramic	50V	0.01	4	
C172		ECQV05104JZ	Mylar	50V	0.1	1	
C173		ECEA1CSS100	Electrolytic	16V	10	1	
C174		ECQV05104JZ	Mylar	50V	0.1	1	
C175,176		ECKF1H103ZF	Ceramic	50V	0.01	2	
C177-180		ECCF1H100DC	Ceramic	50V	10P	4	
C181		ECCF1H030CC	Ceramic	50V	3P	1	
C182		ECCF1H050CC	Ceramic	50V	5P	1	
C183		ECCF1H820JC	Ceramic	50V	82P	1	
C184		ECCF1H150JC	Ceramic	50V	15P	1	
C185		ECEA1HSS4R7	Electrolytic	50V	4.7	1	
C186,187		ECKF1H103ZF	Ceramic	50V	0.01	2	
C188		ECEA1CN100S	Electrolytic	16V	10	1	
C189		ECKF1H103ZF	Ceramic	50V	0.01	1	
C190		ECEA1CSS220	Electrolytic	16V	22	1	
C191		ECKF1H103ZF	Ceramic	50V	0.01	1	
C192		ECCF1H050CC	Ceramic	50V	5P	1	
C193		ECKF1H103ZF	Ceramic	50V	0.01	1	
C194		ECSF35ER1	Tantalum	35V	0.1	1	
C195		ECEA1CSS470	Electrolytic	16V	47	1	
C196		ECQV05103JZ	Mylar	50V	0.01	1	
C197		ECEA1CSS100	Electrolytic	16V	10	1	

Parts List

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C198		ECEA1CSS470	Electrolytic 16V 47	1	
C199		ECKF1H103ZF	Ceramic 50V 0.01	1	
C200		ECEA1CSS100	Electrolytic 16V 10	1	
C201		ECSF35E1	Tantalum 35V 1	1	
C202		ECEA1CSS220	Electrolytic 16V 22	1	
C203		ECCF1H101JC	Ceramic 50V 100P	1	
C204		ECSZ25HS4R7	Tantalum 25V 4.7	1	
C213,214		ECCF1H680JC	Ceramic 50V 68P	2	
			Coils		
L1,2		VLQEL06F221K	220uH	2	
L6		VLQEL06F470J	47uH	1	
L8		VLQEL06F151J	150uH	1	
L10		VLQEL06F221K	220uH	1	
L11		VLQEL06F1R5K	1.5mH	1	
L12		VLQEL06F1ROK	1mH	1	
L13		VLQEL06F221K	220uH	1	
L14		VLQEL06F1ROK	1mH	1	
L15,16		VLQEL06F4R7K	4.7mH	2	
L18,19		VLQEL06F221K	220uH	2	
L20		VLQEL06F180J	18uH	1	
L21-24		VLQEL06F221K	220uH	4	
L26		VLQEL06F100J	10uH	1	
L27		VLQEL06F101J	100uH	1	
L28,29		VLQEL06F221K	220uH	2	
L30		VLQEL06F390J	39uH	1	
L31		VLQEL06F470J	47uH	1	
			Switches		
SW1,2		VSTO061		2	
			Transformers		
T1		EIV7EG002B		1	
T2		EIV7EG001B		1	
			Crystal Oscillators		
X1		VSX0093		1	
X2		VSX0060		1	
			Filters		
FL1,2		VLF0174		2	
FL3		VLF0223		1	
			Delay Lines		
DL1		VLD0032		1	
DL2		VLD0035		1	
DL3		VLD0034		1	
DL4		EFDLN645G10A		1	
DL5		VLD0035		1	
			Miscellaneous		
TP1-9		VJH0193		9	
TP12-34		VJH0193		23	
TH1		ERTD2FHK802S	Thermister	1	
		VXK0540	Shield Plate	1	
		VML1361	Card Puller	2	
		VSC1032	Shield Case	1	
		VSC1031	Shield Case	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VJB00D48A	Small P.C.B.		
			Transistors		
Q64,65		2SD636		2	
			Resistors		
R297		ERDS2TJ473	47K	1	
R298		ERDS2TJ333	33K	1	
R299,300		ERDS2TJ102	1K	2	
R301		ERDS2TJ271	270	1	
R303		ERDS2TJ102	1K	1	
R304		ERDS2TJ272	2.7K	1	
VR1(R302)		EVMG0GA01B52	Variable 500	1	
			Capacitors		
C155		ECKF1H103ZF	Ceramic 50V 0.01	1	
C204		ECKF1H103ZF	Ceramic 50V 0.01	1	
C205		ECCF1H560JC	Ceramic 50V 56P	1	

HD74LS221P



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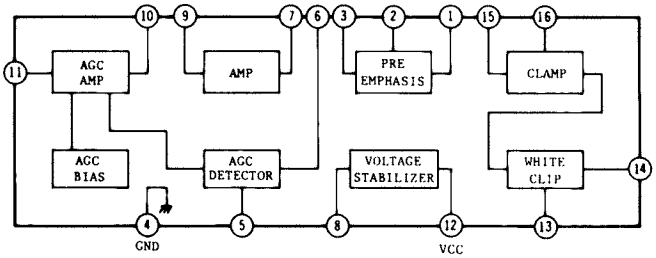

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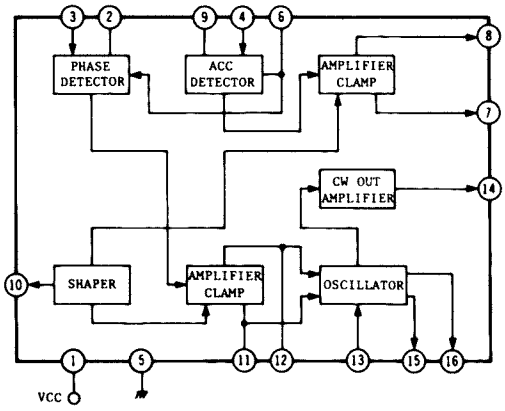

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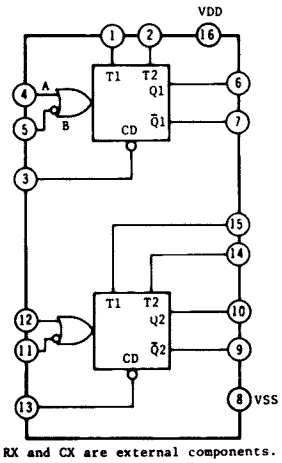

RX and CX are external components.
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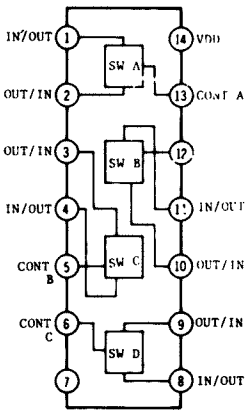
VSS=PIN8

μPD4066BC



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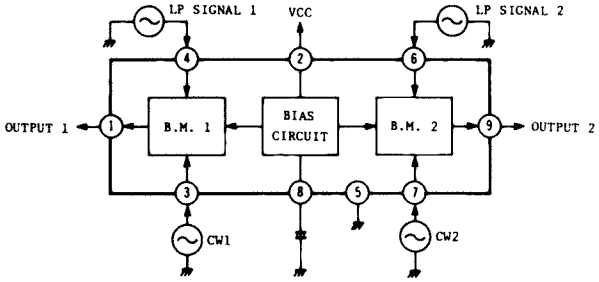

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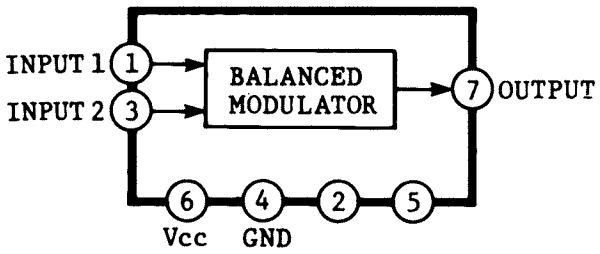

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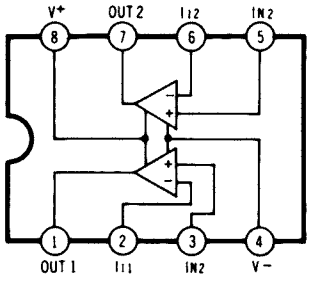

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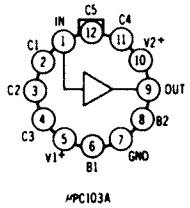

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DECODER SCHEMATIC DIAGRAM

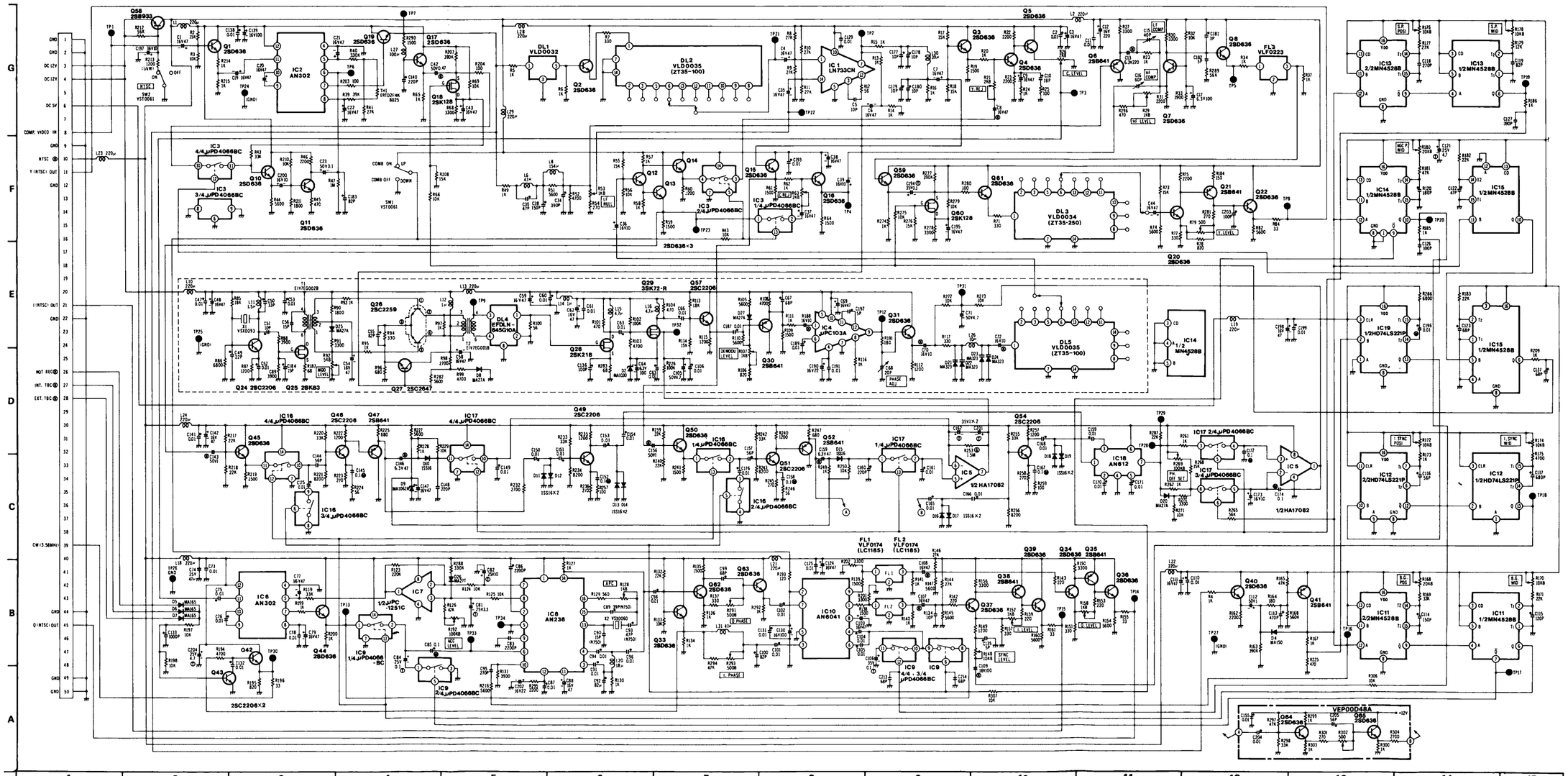

Figure 16-3. DECODER Schematic Diagram